

# ABSTRACT OF SANITARY REPORTS.

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## UNITED STATES.

### SPECIAL REPORTS.

#### *Gulf quarantine station.*

Under date of July 23, 1891, Surgeon R. D. Murray reports as follows concerning the British steamship *Nigretia*:

I have the honor to report the arrival this day of the British steamship *Nigretia*, one day from Pensacola quarantine, where she had lain for nine days, after three days' voyage from Vera Cruz. No yellow fever on board at Vera Cruz or on passage, but on the 15th, the day after arrival at Pensacola, the second engineer (Rowland) fell ill, and died on 21st July, having had albuminous urine and, as stated by the quarantine physician, yellow fever.

After burial of the corpse the stateroom was locked up and the vessel ordered to proceed to Chandeleur Island. On arrival here 1 case each of ascites, diarrhoea, and bronchitis are found, but no case of fever. Sick men were brought to station, and vessel held for disinfection. Of entire crew of 25, 24 have never had yellow fever.

Under date of July 25, Surgeon Murray reports as follows concerning the British ship *Ryerson*:

I have the honor to report the arrival in quarantine this day of the British ship *Ryerson*, from Rio for Ship Island, Miss.

Said vessel had one case of yellow fever at Rio, who recovered; one case occurred at sea on June 7, and terminated fatally on June 11. She has a crew of 19 all told, 4 of which are negroes; of the remainder 1 only has had yellow fever.

There has been no sickness on board since June 11, and the clothing of the man who died was immediately thrown overboard.

The vessel is extremely clean throughout, and is in good sanitary condition.

She is held for thorough disinfection.

#### *Gulf quarantine station—Statement.*

In view of incorrect newspaper reports that there have been ten cases of yellow fever at the Gulf quarantine station during the present quarantine season, it is deemed proper to state that there have been but two cases of yellow fever at said station during the present season, but that there have been twenty-two vessels disinfected at this station,

of which number eleven were undoubtedly infected. The station is temporarily in charge of Surgeon R. D. Murray, assisted by Dr. Charles Pelaez. The quarantine force, furthermore, comprises a skilled hospital steward and a full corps of attendants, with a disinfecting steamer and full complement of crew.

Since the above was written reports have been received from Surgeon R. D. Murray, dated July 26 and 27, stating that four cases of yellow fever have been removed to the lazaretto from the British steamship *Nigretia* above mentioned. The patients are the chief engineer, third mate, and the fireman and carpenter.

*South Atlantic quarantine station.*

Under date of July 18, 1891, Passed Assistant Surgeon White reports as follows :

I have the honor to report the following, relative to Norwegian bark *Albion*, which arrived here from Santos, Brazil, on July 16.

While in Santos seven men were sent to yellow fever hospital, including two captains, two mates, and sailmaker. Of these seven, four died, as follows : Two captains, one mate, and the sailmaker.

The last death (Captain Halonsen) occurred on April 10, and the vessel was subsequently subjected to disinfection in Santos.

While on the voyage to Savannah, Georgia, the steward became ill June 30, and second mate July 8, and upon arrival here the second mate died before I could reach the vessel, which I did at night, being informed of the urgency of the case. An autopsy revealed the fact that the cause of death was cardiac valvular disease.

The surviving patient, the steward, presents indications of having had acute nephritis, and although I can not as yet find any albumen, I believe such is the correct diagnosis. He had yellow fever in Santos about March last. Certainly neither of these cases are yellow fever.

The vessel is fairly clean, and the quarters for crew cleanly and fairly ventilated. Ballast of good stone, and the vessel being somewhat leaky, her bilge water is clean.

I shall treat her as an infected vessel, but do not think her to be fairly rated in that class.

VESSELS REMAINING, ARRIVING AT, AND DEPARTING FROM UNITED STATES QUARANTINE STATIONS.

*Cape Charles quarantine, week ended July 17, 1891.*

Name of vessel.	Date of arrival.	Where from.	Destination.	Treatment of vessel and cargo.	Date of dep'ture.
Span. Bk. Armonia.....	July 11	Barbadoes...	Hampton Roads.	Boarded, inspected, and passed.	July 11
Span. S. S. Saturnina.....	July 12	Matanzas....	Norfolk.....	Boarded, inspected, quarantined, and fumigated.	July 17
Span. S. S. Gracia.....	July 12	Cienfuegos..	Newport News.	Boarded, inspected, and passed.	July 17
Span. S. S. Alava (a).....	July 7	.....do.....	.....do.....	Boarded, inspected, quarantined, and fumigated.	July 12
Br. S. S. Acadian.....	July 16	Quebec .....	Lambert's Point.	Boarded, inspected, and passed.	July 16

<sup>a</sup> Previously reported.

Six vessels spoken and passed.

## VESSELS REMAINING, ARRIVING AT, AND DEPARTING FROM UNITED STATES QUARANTINE STATIONS—Continued.

*Delaware Breakwater quarantine, week ended July 18, 1891.*

Name of vessel.	Date of arrival.	Where from.	Destination.	Treatment of vessel and cargo.	Date of dep'ture.
Br. Brigantine E. W. Gale.....	July 15...	Demarara...	Waiting orders.	Inspected, fumigated and disinfected.	July 17
Br. S. S. Tangier.....	July 16...	Santiago.....	Philadelp'ia	Inspected and held under observation for 2 days.	July 18

Fifteen vessels inspected and passed.

*Gulf quarantine, week ended July 23, 1891.*

Swedish Bk. Oliva (a).....	July 6	Rio Janeiro..	Ship Island..	Held for disinfection.	July 18
Br. Shp. Revolving Light (a)...	July 9	.....do.....	.....do.....	.....do.....	July 20
Br. S. S. Newton (a).....	July 12	Santos via St. Lucia and Pensacola.	Pensacola....	.....do.....	July 19
Am. Sch. Magnolia.....	July 22	Matanzas...	Handsboro..	.....do.....	
Br. S. S. Nigretia (b).....	July 23	Vera Cruz via Pensacola.	Pensacola....	Held for observation and thorough disinfection.	
Am. Bk. Mary G. Reed.....	July 23	Havana.....	Pascagoula..	Held for disinfection.	

<sup>a</sup> Previously reported. Given free pratique.<sup>b</sup> One case yellow fever died at Pensacola. Previously reported by telegram from the president of Florida State board of health.*South Atlantic quarantine, week ended July 18, 1891.*

Norwegian Bk. Albion (a).....	July 16	Santos.....	Savannah ...	Inspected and fumigated.	
Am. Pilot Sch. Sprite (b).....	July 16	Savannah ...	.....do.....	Under observation.	

<sup>a</sup> Seven cases of yellow fever at Santos with 4 deaths.<sup>b</sup> Inadvertently boarded the *Albion*.*Reports of States, and yearly and monthly reports of cities.*

ALABAMA—*Mobile*.—Month of June, 1891. Population, 31,076. Total deaths, 82, including phthisis pulmonalis 13.

CALIFORNIA.—Month of June, 1891. Reports to the State board of health from 75 cities and towns, having an estimated population of 675,954, show a total of 995 deaths, including phthisis pulmonalis, 140; enteric fever, 23; scarlet fever, 7; and diphtheria, 47.

COLORADO—*Denver*.—Month of June, 1891. Population, 106,713. Total deaths, 225, including phthisis pulmonalis, 29; enteric fever, 2; diphtheria, 26; measles, 5; and whooping cough, 4.

MASSACHUSETTS—*Springfield*.—Month of June, 1891. Population, 44,179. Total deaths, 60, including phthisis pulmonalis, 9; scarlet fever, 1; and measles, 1.

**Worcester.**—Month of June, 1891. Population, 84,655. Total deaths, 90, including phthisis pulmonalis 8 and influenza 1.

**MICHIGAN.**—Week ended July 18, 1891. Reports to the State board of health, Lansing, from 61 observers, indicate that typho-malarial fever, pleuritis, diarrhoea, intermittent fever, inflammation of bowels, cholera infantum, cholera morbus, and dysentery increased, and that membranous croup, inflammation of brain, pneumonia, puerperal fever, measles, and cerebro-spinal meningitis decreased in area of prevalence.

Diphtheria was reported present during the week at 28 places, scarlet fever at 36 places, enteric fever at 16 places, and measles at 21 places.

**MISSOURI—St. Louis**—Month of June, 1891. Population, 451,770. Total deaths, 840, including phthisis pulmonalis, 70; enteric fever, 11; scarlet fever, 3; diphtheria, 11; croup 3; measles, 7; and whooping cough, 11.

**OHIO.**—Month of June, 1891. Reports to the State board of health from 54 cities and towns, having an aggregate population of 1,250,734, show a total of 1,433 deaths, including phthisis pulmonalis, 151; enteric fever, 29; scarlet fever, 19; measles, 8; and whooping cough, 3.

**TENNESSEE.**—Month of June, 1891. Reports to the State board of health, Nashville, show that the principal diseases, named in the order of their greater prevalence, during the month, were malarial fevers, dysentery, diarrhoea, cholera morbus, cholera infantum, phthisis pulmonalis, and pneumonia. Enteric fever was reported in 7 counties, scarlet fever in 2 counties, influenza in 2 counties, diphtheria and croup in 1 county, measles in 5 counties, and whooping cough in 7 counties.

*Publications received.*

Annual report of the bureau of health, Philadelphia, 1890.

Twenty-fourth annual report of the department of health of Cincinnati, 1890.

Annual report of the department for the insane of the Pennsylvania hospital.

Reports of the session of the Physico Medical Society of Eilangen, 1891.

Thirteenth annual report of the State board of health of Wisconsin, 1889-1890.

The *Monthly Sanitary Record* of the Ohio State board of health for July.



## MORTALITY TABLE, CITIES OF THE UNITED STATES.

Cities.	Week ended.	Population, U. S. Census of 1890.	Total deaths from all causes.	Deaths from—									
				Phthisis pulmonalis.	Yellow fever.	Smallpox.	Varicella.	Varicella.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
New York, N. Y.	July 25.	1,515,301	947	82						11	23	19	12
Chicago, Ill.	July 25.	1,099,850	501						47	7	2	9	2
Philadelphia, Pa.	July 18.	1,046,964	499						7	1	2	4	3
St. Louis, Mo.	July 18.	451,770	181						1	1	1	5	2
St. Louis, Mo.	July 25.	451,770	174						7	1	1	2	2
Baltimore, Md.	July 25.	434,439	230	23					1	1	2	2	1
Cincinnati, Ohio.	July 24.	296,908	109	15					2	2	2	2	1
New Orleans, La.	July 4.	242,089	136	7					2			1	
New Orleans, La.	July 11.	242,089	111	11									
Pittsburgh, Pa.	July 11.	238,617	108	9					3	1	3	1	
Pittsburgh, Pa.	July 18.	238,617	150	7					10		1	3	4
Washington, D. C.	July 18.	230,392	124	14							4	7	1
Detroit, Mich.	July 25.	206,876	92	4									
Minneapolis, Minn.	July 25.	164,738	58						2	1	2		
Rochester, N. Y.	July 25.	133,896	52	5					1				1
Providence, R. I.	July 25.	132,146	50						1				
Indianapolis, Ind.	July 11.	106,436	55	4							1	1	
Indianapolis, Ind.	July 18.	106,436	47	4							1		
Indianapolis, Ind.	July 25.	106,436	48	6								1	1
Toledo, Ohio.	July 24.	81,434	32	4									
Richmond, Va.	July 18.	81,388	63	3					4		6		
Nashville, Tenn.	July 18.	76,168	31										1
Fall River, Mass.	July 24.	74,398	55	8									
Wilmington, Del.	July 25.	61,431	37	1					1		3		
Lynn, Mass.	July 18.	55,727	16	1									
Lynn, Mass.	July 25.	55,727	13	2					1				
Portland, Me.	July 25.	36,425	13										1
Binghamton, N. Y.	July 25.	35,005	9	1									
Yonkers, N. Y.	July 18.	32,033	17										
Yonkers, N. Y.	July 25.	32,033	12	4									
Mobile, Ala.	July 25.	31,076	9	2					1				
Auburn, N. Y.	July 25.	25,858	7						1				
San Diego, Cal.	July 18.	16,159	3									1	
Rock Island, Ill.	July 12.	13,634	3										
Rock Island, Ill.	July 19.	13,634	3										
Rock Island, Ill.	July 26.	13,634	3										
Pensacola, Fla.	July 18.	11,730								1			

Table of temperature and rainfall, week ended July 24, 1891.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Mean temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
<b>New England States:</b>						
Eastport, Me.....	61		28	.98		.60
Portland, Me.....	69		22	.84		.02
Boston, Mass.....	71		14	.82	.08	
Block Island, R. I.....	68		28	.72		.61
<b>Middle Atlantic States:</b>						
Albany, N. Y.....	73		14	.91	1.91	
New York, N. Y.....	74			1.05	.05	
Philadelphia, Pa.....	75		14	1.07		.51
Atlantic City, N. J.....	73		14	.77	1.41	
Baltimore, Md.....	80		36	1.13	.24	
Washington, D. C.....	79		22	1.05	.59	
Lynchburg, Va.....	78		14	.84	1.96	
Norfolk, Va.....	80		28	1.30	.94	
<b>South Atlantic States:</b>						
Charlotte, N. C.....	80		14	1.40		.16
Wilmington, N. C.....	80		28	1.68	.25	
Charleston, S. C.....	82		23	1.75	3.35	
Augusta, Ga.....	83		28	1.19	.31	
Savannah, Ga.....	83		28	1.12	2.84	
Jacksonville, Fla.....	83		14	1.49		.53
Key West, Fla.....	84			.98		.98
<b>Gulf States:</b>						
Atlanta, Ga.....	80		14	1.05		.95
Pensacola, Fla.....	82		6	1.51	.34	
Mobile, Ala.....	82			1.47		.65
Montgomery, Ala.....	82		14	.91		.84
Vicksburg, Miss.....	82		14	.91		.57
New Orleans, La.....	82			1.45		.81
Shreveport, La.....	82		14	.82		.82
Fort Smith, Ark.....	82		14	.84		.05
Little Rock, Ark.....	82		14	.75		.73
Palestine, Tex.....	83		14	.62		.62
Galveston, Tex.....	84		14	.54		.29
San Antonio, Tex.....	83	4		.63		.09
Corpus Christi, Tex.....	83			.42		.42
Brownsville, Tex.....	84			.44		.22
Rio Grande City, Tex.....	88			.30		.20
<b>Lake Region:</b>						
Oswego, N. Y.....	70		14	.70	.34	
Rochester, N. Y.....	68	14		.70	.26	
Buffalo, N. Y.....	70			.77	.05	
Erie, Pa.....	72		14	.63		.33
Cleveland, Ohio.....	72			.86		.62
Sandusky, Ohio.....	74		14	.70		.24
Toledo, Ohio.....	74		28	.70	.52	
Detroit, Mich.....	72		28	.77	.08	
Port Huron, Mich.....	69		14	.56		.34
Alpena, Mich.....	66		28	.70		.14
Marquette, Mich.....	67		70	.70		.04
Grand Haven, Mich.....	70		28	.63		.07
Milwaukee, Wis.....	68		14	.74		.34
Chicago, Ill.....	70		14	.84		.82
Duluth, Minn.....	68		56	.91	.10	
<b>Ohio Valley and Tennessee:</b>						
Memphis, Tenn.....	82		14	.66		.58
Nashville, Tenn.....	80		28	.98		.84
Chattanooga, Tenn.....	79		14	.84		.44
Knoxville, Tenn.....	77			.98		.58
Louisville, Ky.....	78		14	.84	1.82	
Indianapolis, Ind.....	77		14	1.10		.66
Cincinnati, Ohio.....	78		28	.63		.41
Columbus, Ohio.....	77		28	.77		.35
Pittsburgh, Pa.....	75		14	1.10	.90	
<b>Upper Mississippi Valley:</b>						
St. Paul, Minn.....	73		42	.74		.54
La Crosse, Wis.....	72		42	1.02		.12
Dubuque, Iowa.....	75		28	.98		.10
Davenport, Iowa.....	76		28	.84		.10
Des Moines, Iowa.....	75		42	.70	1.48	
Keokuk, Iowa.....	78		28	.94		.84
Springfield, Ill.....	77		28	.37		.37
Cairo, Ill.....	80		14	.75		.41
St. Louis, Mo.....	80		14	.73		.69

Table of temperature and rainfall, week ended July 24, 1891—Continued.

Locality.	Mean temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
<b>Missouri Valley:</b>						
Springfield, Mo.....	78		28	1.00	.15	
Kansas City, Mo.....	79		28	.82		.48
Concordia, Kans.....	78		14	.79	.09	
Omaha, Nebr.....	78		42	1.12		.98
Valentine, Nebr.....	74		42	.70		.16
Huron, S. D.....	73		56	.84		.12
Pierre, S. D.....	76		42	.55		.00
<b>Extreme Northwest:</b>						
Moorhead, Minn.....	69		56	.93		.01
Bismarck, N. D.....	71		56	.56		.16
Buford, Fort, N. D.....	71		42	.42		.41
<b>Rocky Mountain Slope:</b>						
Assiniboine, Fort, Mont.....	69		28	.49		.45
Helena, Mont.....	67		14	.21		.05
Custer, Fort, Mont.....	73			.21		
Salt Lake City, Utah.....	77			.10		.10
Cheyenne, Wyo.....	71			.42		.31
North Platte, Nebr.....	74		14	.63	.67	
Denver, Colo.....	73		14	.35		.32
Montrose, Colo.....	70	28		.50		.20
Pueblo, Colo.....	75			.48	.40	
Dodge City, Kans.....	79		28	.72	.26	
Sill, Fort, Ind. T.....	82		14	.54		.28
Santa Fé, N. Mex.....	69	14		.70		.30
<b>Pacific Coast:</b>						
Olympia, Wash.....	63	14		.14		.14
Portland, Oreg.....	69	28		.14		.14
Roseburg, Oreg.....	67	42		.07		.07
Red Bluff, Cal.....	81	42		.00		.00
Sacramento, Cal.....	74	42		.00		.00
San Francisco, Cal.....	60			.00		.00
Los Angeles, Cal.....	72	28		.00		.00
San Diego, Cal.....	68	28		.00		.00
Yuma, Ariz.....	93	14		.05		.05

## FOREIGN.

(Reports received through the Department of State and other channels.)

*Sanitary commission at Constantinople—Report of United States commissioner—Cholera at Aleppo.*

## REPORT NO. 27.

In spite of the optimism of the sanitary physician at Aleppo, cholera has made its appearance again this year in that *vilayet*. It is not astonishing to see this scourge ravaging again the population of the empire. I think, on the contrary, that it would be astonishing to see the provinces of Turkey in a perfect sanitary condition.

The general sanitary administration sent, a long time ago, a circular to the provincial authorities, ordering preservative measures and generally all that they ought to do, in order to improve the sanitary condition of the cities and villages which cholera had visited that year. Nothing has been done. They begin again with quarantine cordons, the effect of which is already known. Since the first news of the outbreak of cholera, viz, since the 9th of June, up to the 28th of the same month, 55 deaths from cholera occurred, 14 at Herim, 24 at Hamam, 14 at Killi, and 3 at Alay bey.

The ships starting from the Gulf of Alexandretta, from Lovedic, to Caratach burun undergo five days quarantine at Clazomene, near Smyrna, or at Beyrout. At the last epidemic of cholera the Beyrout lazaretto gave a great deal of trouble to the general board of health. I have already mentioned in several reports this lazaretto. Finally it has been decided that another lazaretto will be built, but till now nothing has been done, and again the ships which undergo quarantine are sent to Beyrout temporarily until a new place for lazaretto will be chosen and the lazaretto built. Meanwhile the sanitary inspector at Beyrout states that it is impossible to make use of that lazaretto on account of its imperfections and filthiness.

SPIRIDION C. ZAVITZIANO.

CONSTANTINOPLE, 3d of July, 1891.

**BRAZIL—Para.**—Month of June, 1891. Population, 80,000. Total deaths, 248, including yellow fever, 24; enteric fever, 9; phthisis pulmonalis, 17; leprosy, 1; and whooping cough, 1.

**CUBA—Havana.**—Under dates of July 18 and 25, 1891, the United States sanitary inspector makes the following weekly reports:

There were one hundred and forty deaths in this city during the week ending July 16.

Eleven of these deaths were caused by yellow fever, with approximately 65 new cases; 2 of the deaths were from pernicious fever, 3 from enteric fever, 2 from smallpox, and 1 from diphtheria.

Week ended July 23, 1891. Total deaths, 139, including yellow fever, 22, with 60 new cases; smallpox, 11; diphtheria, 3; pernicious fever, 2; and enteric fever, 4. Twenty-one of the deaths from yellow fever occurred in the military hospital, while only 1 death occurred in the city.



**EGYPT.**—Week ended June 18, 1891. The towns in upper and lower Egypt, including Gizeh and the Suez Canal, show a total of 1,271 deaths, including phthisis pulmonalis, 58; enteric fever, 65; smallpox, 3; measles, 64; and whooping cough, 13.

**FRANCE—Marseilles.**—Month of June, 1891. Population, 406,919. Total deaths, 816, including smallpox, 22; enteric fever, 27; scarlet fever, 2; diphtheria and croup, 52; and measles, 25.

**GREAT BRITAIN—England—Sunderland.**—Two weeks ended June 27, 1891. Population, 131,302. Total deaths, 94, including typhus fever 1.

**Ireland.**—The average annual death rate, represented by the deaths registered during the week ended July 11, in the 16 principal town districts of Ireland, was 17.2 a thousand of the population. The lowest rate was recorded in Dundalk, viz, 3.9, and the highest in Kilkenny, viz, 28.2 a thousand. In Dublin and suburbs 127 deaths were registered, including influenza, 1; enteric fever, 3; whooping cough, 3; and diphtheria, 1.

**Scotland.**—The deaths registered in eight principal towns during the week ended July 11 corresponded to an annual rate of 18.8 a thousand of the population, which is estimated at 1,345,563. The lowest mortality was recorded in Perth, viz, 13.5, and the highest in Glasgow, viz, 21.5 a thousand. The aggregate number of deaths registered from all causes was 484, including measles, 12; scarlet fever, 1; diphtheria, 5; whooping cough, 14; fever, 4; and diarrhoea, 13.

**INDIA—Singapore.**—Month of May, 1891. Total deaths, 602, including "fevers," 194; smallpox, 3; cholera, 2; and beri-beri, 30.

**NETHERLANDS.**—Month of April, 1891. Reports from the 12 principal cities, having an aggregate population of 1,198,116, show a total of 2,580 deaths, including phthisis pulmonalis and throat diseases, 270; typhus and enteric fevers, 3; diphtheria, 31; croup, 23; whooping cough, 48; and measles, 21.

**SPAIN—Barcelona.**—Month of June, 1891. Population, 272,000. Total deaths, 581, including smallpox, 11; enteric fever, 21; and measles, 24.

**SWITZERLAND.**—Week ended June 20, 1891. Reports from 15 cities, having an aggregate population of 503,503, show a total of 211 deaths, including phthisis pulmonalis, 39; scarlet fever, 2; diphtheria and croup, 5; measles, 3; and whooping cough, 5.

**Zurich.**—Month of May, 1891. Population, 91,323. Total deaths, 242, including phthisis pulmonalis, 27; typhus fever, 1; scarlet fever, 1; diphtheria and croup, 7; and whooping cough, 3.

## MORTALITY TABLE, FOREIGN CITIES.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—								
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
London.....	July 4....	5,656,909	1,718					7	12	21	28	
Paris.....	July 4....	2,290,945	875					6	5	11	32	7
Paris.....	July 11....	2,290,945	867					11	2	18	29	5
Hamburg.....	June 20....	570,534	239					1	1	3		
Hamburg.....	June 27....	570,534	286					3		1		
Hamburg.....	July 4....	570,534	305					1		1		
Glasgow.....	July 4....	567,143	215					2				
Liverpool.....	July 4....	517,961	200					1				
Buda Pesth.....	July 9....	507,000				2			2	7		
Brussels.....	July 4....	482,158	195		5			1	1			
Warsaw.....	June 27....	465,272	231		4			3	4	8		
Warsaw.....	July 4....	465,272	202		3			3	1	8		
Rome.....	June 6....	417,392	169					2		9	15	2
Rome.....	June 13....	417,392	147					3		11	13	1
Leipzig.....	July 4....	362,555	166		1				3	2		
Leipzig.....	July 11....	362,555	141					2	1	3		
Munich.....	June 27....	349,000	195					1	3	12		
Munich.....	July 4....	349,000	201						1	6		
Copenhagen.....	July 4....	320,000	141					2		4		
Odessa.....	June 27....	295,000	147					1	3	1		
Cologne.....	July 4....	284,117	131							1		2
Dresden.....	June 27....	276,085	96					1		3		
Dresden.....	July 4....	276,085	102					1	1	2		
Barcelona.....	July 3....	272,000	117			1		4		1		
Barcelona.....	July 10....	272,000	167			3		10		7		
Edinburgh.....	July 4....	261,970	103						1			
Belfast.....	July 4....	255,896	103									
Belfast.....	July 11....	255,896	85					2				
Palermo.....	July 4....	250,000	100					3		1		
Antwerp.....	July 4....	238,788	87			3		1		1		
Antwerp.....	July 11....	238,788	84			2				1		
Bristol.....	July 4....	222,049	86									
Rotterdam.....	July 11....	209,134	68									
Pernambuco.....	June 23....	200,000	92									
Pernambuco.....	June 30....	200,000	110			1						
Trinidad.....	June 27....	189,566	23									
Trinidad.....	July 4....	189,566	28									
Prague.....	July 4....	182,530	116					1	1	2		
Prague.....	July 11....	182,530	117					4	2	4		
Genoa.....	July 4....	180,797	72						1	1		
Genoa.....	July 11....	180,797	51									
Frankfort-on-the-Main.....	July 4....	179,850	68							2		
Hanover.....	June 27....	179,000	50									
Hanover.....	July 4....	179,000	62									
Trieste.....	July 4....	158,054	79							4		
Ghent.....	June 27....	152,395	75					1		9		
Christiania.....	July 4....	150,444	60					1		1	19	
Christiania.....	July 11....	150,444	46									
Nuremberg.....	June 27....	142,523	64									
Stuttgart.....	July 11....	139,659	49							3		
Hlogo.....	June 20....	136,012	72				4		1			
Hlogo.....	June 27....	136,012	51				5		3			
Funchal.....	July 4....	133,250	25					1				
Cardiff.....	July 4....	130,283	37					2				
Elberfeld.....	July 4....	125,830	36							1	4	
Elberfeld.....	July 11....	125,830	43							2	3	2
Bremen.....	July 4....	125,000	38									
Barmen.....	July 4....	116,248	29							1		
Barmen.....	July 11....	116,248	40									
Stettin.....	June 27....	116,000						9		2		
Stettin.....	July 4....	116,000	53					15		3		
Stettin.....	July 11....	116,000	72				20					
Havre.....	July 4....	112,074	40					3	1			
Catania.....	July 5....	110,000	59						2	1		
Catania.....	July 12....	110,000	71					3	1			
Crefeld.....	July 11....	108,000	71									
Aix-la-Chapelle.....	June 5....	104,853	40									
Zurich.....	July 4....	91,323	29			3	7		1	4	9	2
Mannheim.....	July 4....	80,000	38							1		
Mannheim.....	July 11....	80,000	40									
Paris.....	June 28....	80,000	33		2			2				
Paris.....	July 5....	80,000	51		9			4				

## MORTALITY TABLE, FOREIGN CITIES—CONTINUED.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—							
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Mayence.....	June 27.....	73,371	36						1		
Mayence.....	July 4.....	73,371	35							12	
Edinburgh.....	July 4.....	69,933	34								
Jerez de la Frontera.....	June 20.....	51,708	25			1		1			
Jerez de la Frontera.....	June 27.....	51,708	39			12					
Trapani.....	July 4.....	43,096	13								
Cienfuegos.....	July 11.....	41,647	17								
Marsala.....	July 4.....	40,131	23								
Guayaquil.....	July 1.....	40,000	72								
Guayaquil.....	July 8.....	40,000	66	1							
Gibraltar.....	July 5.....	25,755	8								
Schiedam.....	July 11.....	25,437	10								
Curacao.....	July 11.....	25,000	5								
Vera Cruz.....	July 17.....	25,000	14	5							
Girgenti.....	July 4.....	23,547	8				2				
Lucerne.....	June 30.....	20,800	32						5		
Victoria.....	July 11.....	20,500	9					4			
Licata.....	July 4.....	20,000	32						14		
Kingston, Can.....	July 17.....	18,172	1								
Rio Grande do Sul.....	May 9.....	17,000	25				2			1	
Rio Grande do Sul.....	May 16.....	17,000	14								
Rio Grande do Sul.....	May 23.....	17,000	15				1				
Rio Grande do Sul.....	May 30.....	17,000	13				1				
Rio Grande do Sul.....	June 6.....	17,000	18				1			2	
Matamoras.....	July 11.....	16,000	6								
Sagua la Grande.....	June 11.....	15,605	9								
Hamilton.....	July 14.....	14,314	2								
Hamilton.....	July 21.....	14,314	1								
Flushing.....	July 11.....	13,200	3								
St. Thomas, W. I.....	June 12.....	12,019	40								
St. Thomas, W. I.....	June 19.....	12,019	31			1					
St. Thomas, W. I.....	June 26.....	12,019	31								
St. Thomas, W. I.....	July 3.....	12,019	26								
Matamoras.....	July 18.....	12,000	5								
Queenstown.....	July 4.....	10,341	5								
Queenstown.....	July 11.....	10,341	3								
Queenstown.....	July 18.....	10,341	4								
Guelph.....	July 19.....	10,173	1								
Tuxpan.....	July 4.....	9,000	10								
Chatham.....	July 18.....	8,730	1								
La Guayra.....	May 11.....	7,641	5								
Santiago, Cape Verd.....	May 7.....	4,500	5								
Santiago, Cape Verd.....	May 14.....	4,500	5								
Santiago, Cape Verd.....	May 21.....	4,500	3								
Santiago, Cape Verd.....	May 28.....	4,500	4								
Santiago, Cape Verd.....	June 7.....	4,500	4								
Santiago, Cape Verd.....	June 14.....	4,500	6								
Prescott.....	July 23.....	2,988	2								
Coaticook.....	July 18.....	2,860	2								
Amherstburg.....	July 18.....	2,260	5								
Puntarenas.....	June 20.....	2,200	1								
Puntarenas.....	June 27.....	2,200	4								

OFFICIAL:

WALTER WYMAN,

Supervising Surgeon-General Marine-Hospital Service.